

Summary of Major Industry Technical References for Sanitary Sewers - April 2001

| Measure | Technical References |
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| Identify and track discharges | <u>Sewer System Infrastructure Analysis and Rehabilitation Handbook</u> , EPA, 1991 |
| Overflow emergency response plans | <u>Preparing Sewer Overflow Response Plans: A Guidebook for Local Governments</u> ; American Public Works Assoc, Tele: 816-472-6100 |
| Public notification | <u>Combined Sewer Overflows - Guidance for Nine Minimum Controls</u> , EPA, May 1995, EPA 832-B-95-003 |
| General management, operation and maintenance | <p><u>Wastewater Collection Systems Management</u>, Manual of Practice No 7, Water Environment Federation, 5th edition, 1999.</p> <p><u>Operation and Maintenance of Wastewater Collection Systems</u>, a field study training program, 4th edition, California State University, Sacramento, 1993.</p> <p><u>Control of Infiltration and Inflow in Private Building Sewer Connections - Monograph</u>, Water Environment Federation, 1999.</p> <p><u>Manual of Practices- Wastewater Collection Systems</u>, NASSCO, 1995</p> <p><u>Detection, Control and Correction of Hydrogen Sulfide Corrosion in Existing Wastewater Systems</u>, EPA-832-R-92-001, Sept, 1992</p> |
| Capacity evaluations, actions to ensure adequate capacity and rehabilitation | <p><u>Sewer System Infrastructure Analysis and Rehabilitation Handbook</u>, EPA, 1991</p> <p><u>Existing Sewer Evaluation & Rehabilitation</u>, WEF manual of practice FD-6, ASCE Manual and report on engineering practice no. 62, 1994</p> <p><u>Sewerage Rehabilitation Manual</u>, 3rd ed., Water Research Centre, 1994.</p> <p><u>Inspector Handbook for Sewer Collection System Maintenance and Rehabilitation</u>, NASSCO, 1993</p> <p><u>Manhole Inspection and Rehabilitation</u>, ASCE Manuals and Report on Engineering Practice No. 92, 1997</p> <p><u>Specification Guidelines for Wastewater Collection Systems Maintenance and Rehabilitation</u>, 9th ed., NASSCO, 1996</p> <p><u>Monograph: Control of Infiltration/Inflow (I/I) In Private Sewer Service Connections</u>, WEF, 1999</p> <p><u>Demonstration of Service Lateral Testing and Rehabilitation Techniques</u>, EPA, 1985</p> <p><u>Handbook for Sewer System Evaluation and Rehabilitation</u>, EPA, 1975, EPA/430/9-75/021</p> |
| Sewer use ordinance - Testing of new sewers | <p><u>Demonstration of Service Lateral Testing and Rehabilitation Techniques</u>., EPA, 1985</p> <p><u>Gravity Sanitary Sewer Design and Construction</u>, ASCE manual and report on engineering practice no. 60 and WPCF Manual of Practice No. FD-5, 1982.</p> |

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| Performance indicators | <p><u>Collection Systems: Methods for Evaluating and Improving Performance</u>, California State University, Sacramento, 1998.</p> <p><u>Optimization of Collection System Maintenance Frequencies and System Performance</u>, ASCE, 1999.</p> <p><u>Benchmarking Wastewater Operations-Collection, Treatment, and Biosolids Management</u>, WERF, Project 96-CTS-5, 1997</p> <p><u>Benchmark '95: Wastewater Collection Agencies: An Analysis of Survey Data</u> Charlotte-Mecklenberg Utility Department, 1995</p> <p>Stalnaker, R. and M. Rigby, "Evaluating the Effectiveness of Wastewater Collection System Maintenance." <u>Water Engineering Management</u>, January 1997</p> |
| General design issues | <p><u>Construction Grants 1985</u>, EPA, 1984, EPA/430/9-84/004</p> <p><u>Recommended Standards for Wastewater Facilities</u>, 1990, A report of the wastewater committee of the Great Lakes-Upper Mississippi River Board of State Public Health and Environmental Managers.</p> <p><u>Technical Report 16 - Guides for the Design of Wastewater Treatment Works</u>, 1998, New England Interstate Water Pollution Control Commission.</p> <p><u>Pumping Station Design</u>, 2nd ed, Sanks, 1998</p> <p><u>Design of Wastewater and Stormwater Pumping Stations - MOP FD-4</u>. WEF, 1993.</p> <p><u>Wastewater Engineering: Collection and Pumping of Wastewater</u>. Metcalf & Eddy, Inc., McGraw-Hill, 1981.</p> <p><u>Design and Construction of Sanitary & Storm Sewers - MOP 9</u>. Water Pollution Control Federation , 1969.</p> <p><u>Design Manual for Odor and Corrosion Control in Sanitary Sewerage Systems and Treatment Plants</u>, EPA/625/1-85/018, October 1985</p> |

To locate these documents, please contact the following:

Office of Water Resource Center (202) 260-7786

National Small Flows Clearinghouse (800) 624-8301

Water Environment Federation www.wef.org
(Formerly: Water Pollution Control Federation)

CA State University, Sacramento (916) 278-6142

American Society of Civil Engineers <http://www.asce.org/>